

03CO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Aebersold et al.

Serial No. 09/839,884

Filed: April 20, 2001

For: RAPID QUANTITATIVE
ANALYSIS OF PROTEINS OR
PROTEIN FUNCTION IN
COMPLEX MIXTURES



: Group Art Unit: 1632

: Examiner: Not assigned

:

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231

8/16/01
Date of Mailing

LEA BEAVANS
LEA BEAVANS

RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice to File Corrected Application Papers dated June 4, 2001, enclosed herewith is a copy of the Formalities Letter and 9 pages of formal drawings (Figs. 1-8).

It is believed that this submission does not require the payment of a fee. If this is incorrect, please deduct the appropriate fee from deposit account 07-1969.

Respectfully submitted,

Sally A. Sullivan
Reg. No. 32,064

Greenlee, Winner and Sullivan, P.C.
5370 Manhattan Circle, Suite 201, Boulder, Colorado 80303
Phone: (303) 499-8080; FAX: (303) 499-8089
Email: Winner@Greenwin.com
Attorney Docket No. 64-98A
leb:August 6, 2001

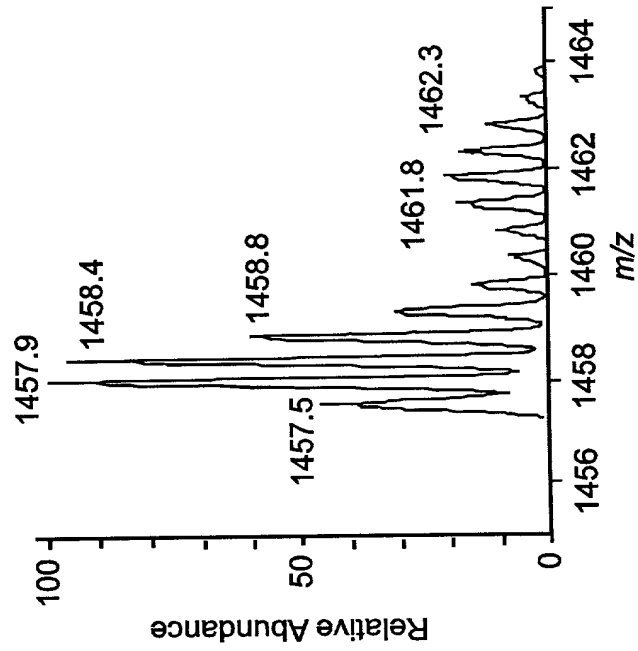


FIG. 1A

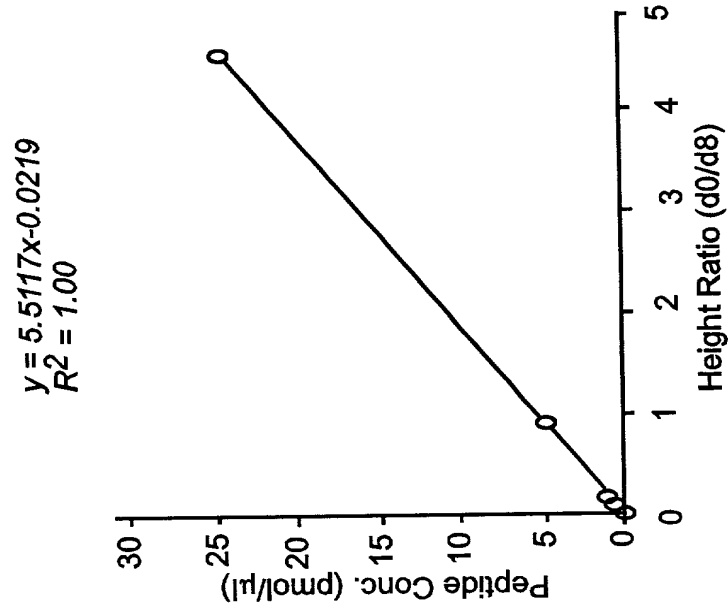


FIG. 1B

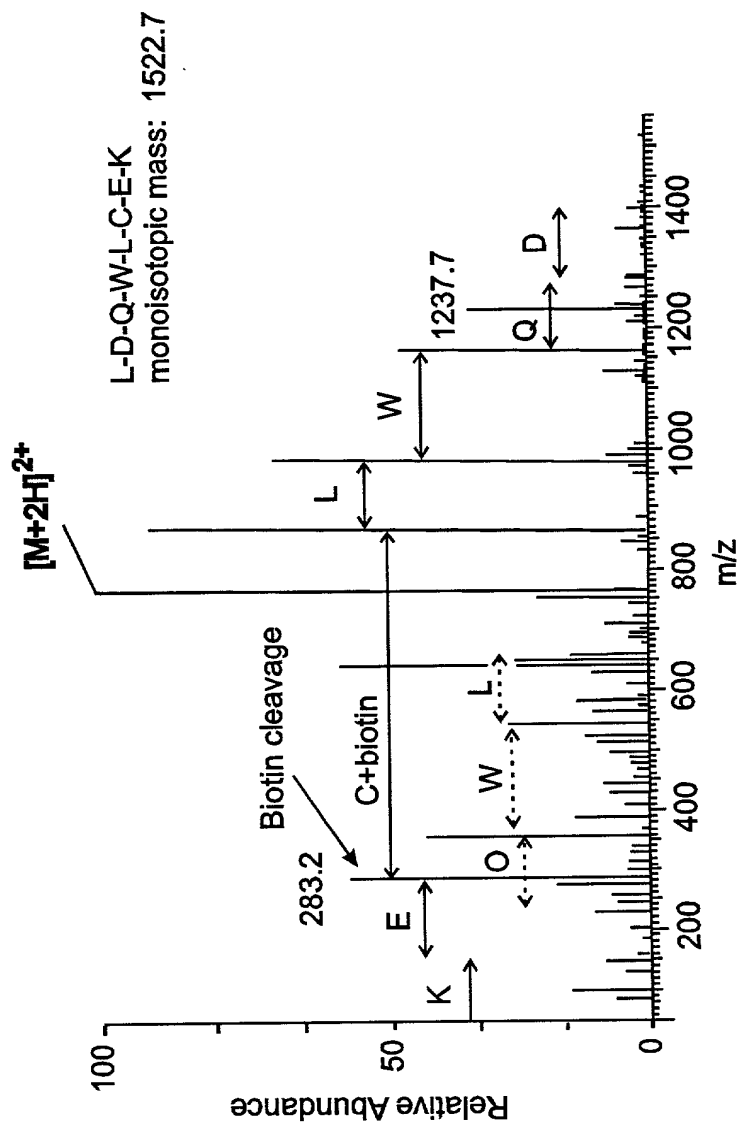


FIG. 2

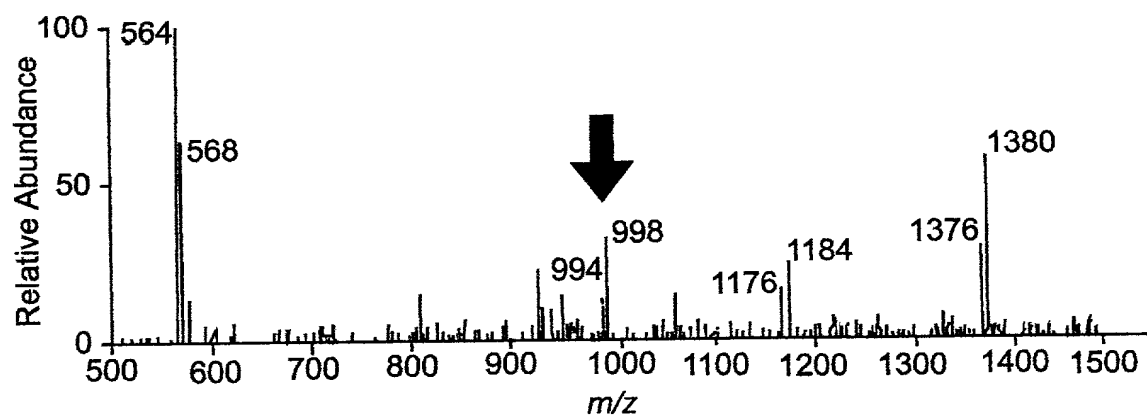


FIG. 3A

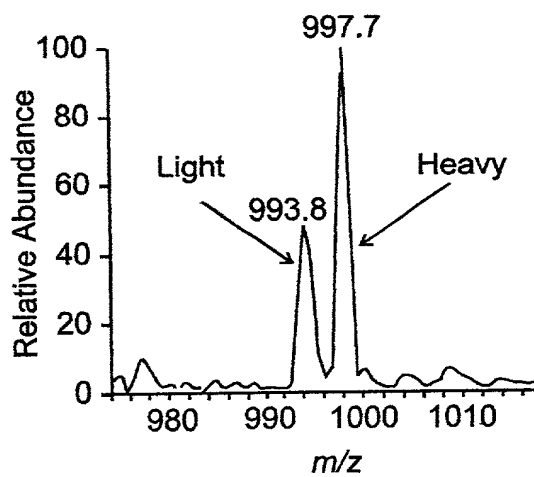


FIG. 3B

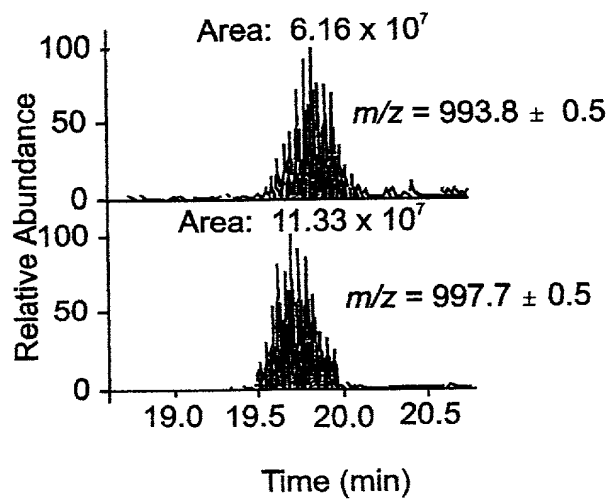


FIG. 3C

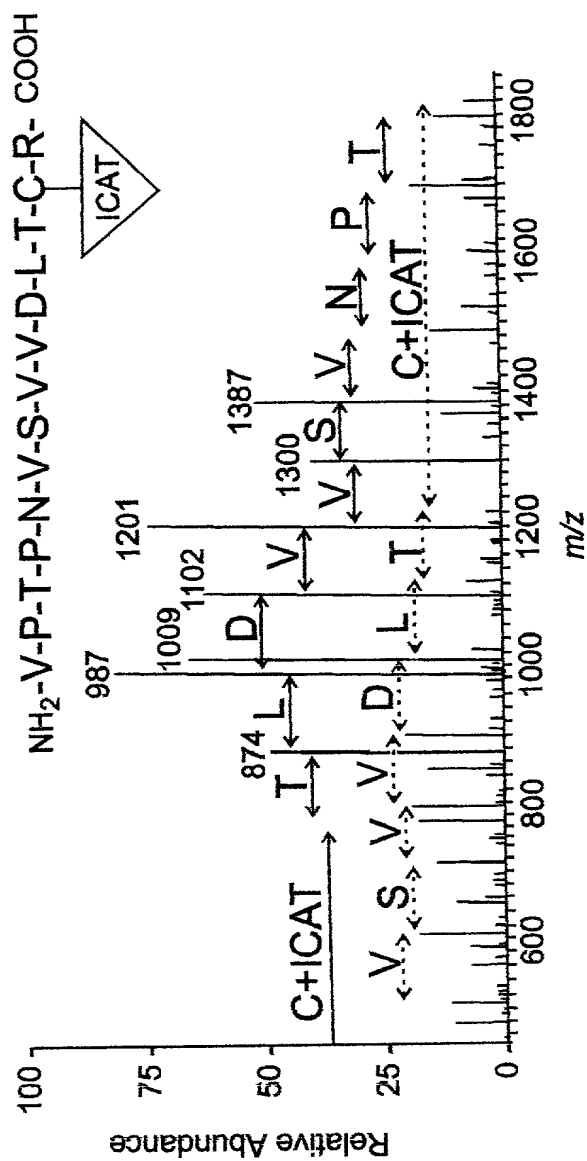


FIG. 4A

#	<u>Rank/Sp</u>	<u>(M+H) +C*10⁴</u>	<u>Ions</u>	<u>Reference</u>	<u>Peptide</u>
1.	1/ 1	1994.3 4.4675	17/26	G3P_RABIT	(R)VPTPNVSVVDLTC#R (SEQ ID NO:60)
2.	2/ 403	1995.1 2.7366	13/34	SLTRNGL	(E)LGKPPVLTANQVTIWEGLR (SEQ ID NO:61)
3.	3/ 3	1995.0 2.6591	16/36	FLP_LACCA	(N)LANPNVYTETILTAATVCTI (SEQ ID NO:62)
4.	4/ 209	1995.0 2.6335	14/36	A42912	(Y)LALLPSDAEGPHGQFVTDK (SEQ ID NO:63)
5.	5/ 381	1995.1 2.4634	13/38	H69373	(L)ALLVLVAPAMAAAGNGEDLRN (SEQ ID NO:64)

FIG. 4B

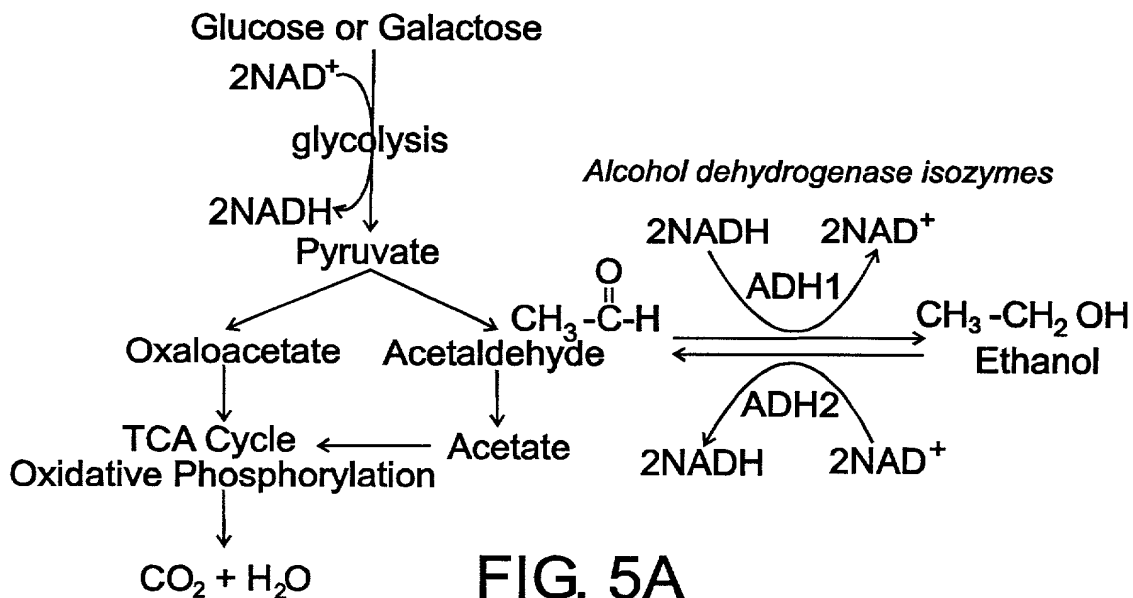
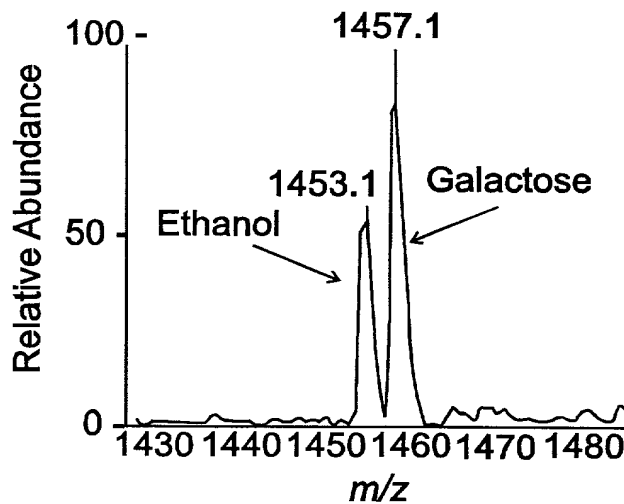


FIG. 5A

ADH1 : YSVC#HTDLHAWHGDWPLPVK

FIG. 5B



ADH2 : YSVC#HTDLHAWHGDWPLPTK

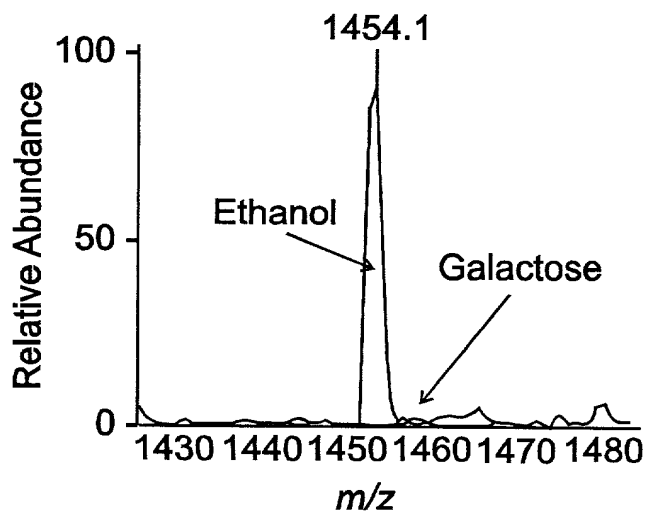


FIG. 5C

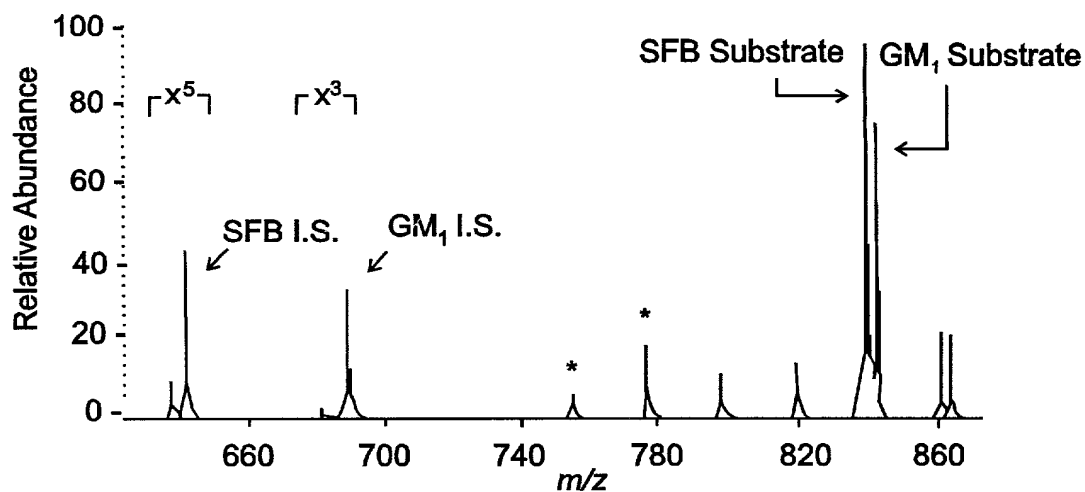


FIG. 6A

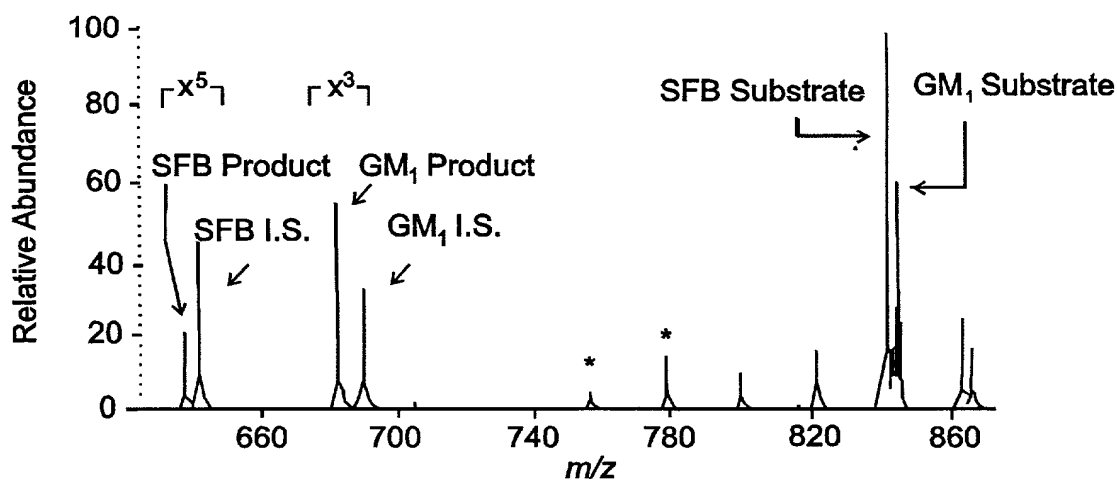


FIG. 6B

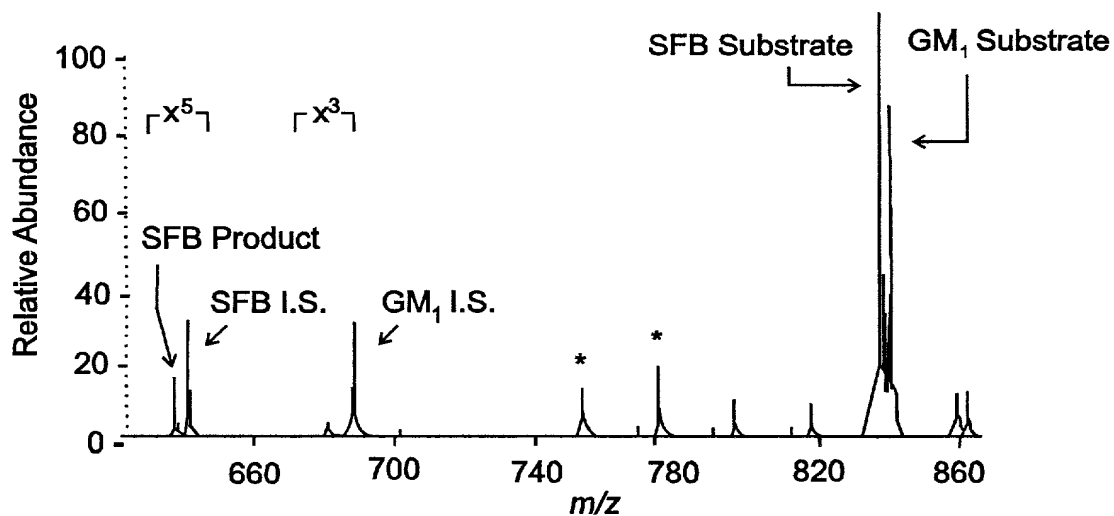


FIG. 6C

250 μm i.d.
Teflon sleeve

Teflon membranes

40 cm
Capillary

Liquid junction

Capillary entrance to MS (TSQ or LCQ)

180 μm i.d. stainless steel tubing

5 μm C_{10} material(300A)

+20kV

+1.9kV

+1.9kV

FIG. 8A

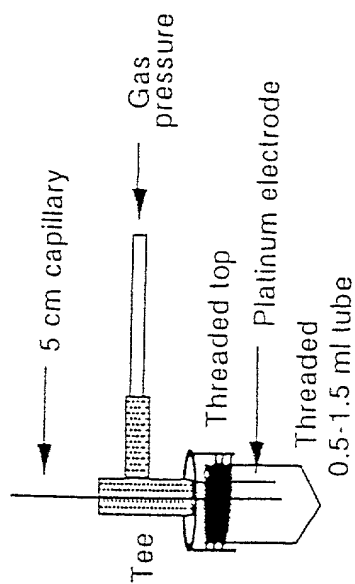


FIG. 8B